

Title (en)

Sound signal processing apparatus and program

Title (de)

Vorrichtung und Verfahren zur Verarbeitung von Tonsignalen

Title (fr)

Appareil et programme de traitement du signal sonore

Publication

**EP 1939859 A2 20080702 (EN)**

Application

**EP 07024994 A 20071221**

Priority

- JP 2006347788 A 20061225
- JP 2006347789 A 20061225

Abstract (en)

In a sound signal processing apparatus, a frame information generation section generates frame information of each frame of a sound signal. A storage stores the frame information generated by the frame information generation section. A first interval determination section determines a first utterance interval in the sound signal. A second interval determination section determines a second utterance interval based on the frame information of the first utterance interval stored in the storage such that the second utterance interval is made shorter than the first utterance interval and confined within the first utterance interval by trimming frames from either of a start point or an end point of the first utterance interval.

IPC 8 full level

**G10L 25/78** (2013.01); **G10L 17/00** (2013.01); **G10L 25/87** (2013.01); **G10L 25/90** (2013.01); **G10L 25/09** (2013.01)

CPC (source: EP US)

**G10L 25/87** (2013.01 - EP US); **G10L 25/09** (2013.01 - EP US); **G10L 25/90** (2013.01 - EP US); **G10L 2025/786** (2013.01 - EP US)

Citation (applicant)

- EP 0237934 A1 19870923 - TOSHIBA KK [JP]
- EP 0944036 A1 19990922 - JAPAN BROADCASTING CORP [JP]
- US 5970447 A 19991019 - IRETON MARK A [US]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**EP 1939859 A2 20080702**; **EP 1939859 A3 20130424**; US 2008154585 A1 20080626; US 8069039 B2 20111129

DOCDB simple family (application)

**EP 07024994 A 20071221**; US 96243907 A 20071221